

Claims

What is Claimed is:

1. A method of communicating, comprising the steps of:

forwarding to a first device a first request from a second device, the first request including an application broker software package;

initiating at the first device a first instance of an application broker from the application broker software package, wherein the first instance includes an object to process the first request;

establishing a first connection between the first and second devices in response to the first request;

receiving at the first device a second request from a third device;

initiating from the application software package a second instance of the application broker at the first device, wherein the second instance includes an object to process the second request; and

establishing a second connection between the first and third devices in response to the

second request.

2. The method according to claim 1, wherein the first instance of the application broker includes an applet broker.
3. The method according to claim 1, wherein the second device is an embedded device and wherein the application broker facilitates one of monitoring and manipulation of the second device from the first device.
4. The method according to claim 1, wherein the first instance of the application broker reads information data included in data forwarded from the second device to the first device to determine that the data was forwarded from the second device.
5. The method according to claim 1, wherein the application broker export module opens a first communication thread between the first and second devices and a second communication thread between the second and third devices.
6. The method according to claim 5, wherein the first communication thread utilizes a communication path different from that used to export the application broker export module from the second device to the first device.

7. The method according to claim 1, wherein the first instance and the second instance exist simultaneously at the first device
8. A software package comprising an application broker export module exportable from a first device to a second device, the application broker export module including an instance opening sub-module for opening a first instance of an application broker for managing operation of applications exported from the first device to the second device and for opening a second instance of the application broker for managing operation of applications between the second device and a third device.
9. The software package according to claim 8, wherein the first instance of the application broker includes a first plurality of objects for generating messages for transmission to the first device and the second instance of the application broker includes a second plurality of objects for generating messages for transmission to the third device.
10. The software package according to claim 8, wherein the first and second instances of the application broker operate substantially simultaneously.
11. The software package according to claim 8, wherein the application broker includes an applet broker.
12. The software package according to claim 11, wherein the first device is an embedded device

and wherein the application broker facilitates one of monitoring and manipulation of the first device from the second device.

13. The software package according to claim 8, wherein the first instance of the application broker reads information data included in data forwarded from the first device to the second device to determine that the data was forwarded from the first device.

14. The software package according to claim 8, wherein the application broker export module includes a thread opening sub-module for opening a first communication thread between the first and second devices and a second communication thread between the second device and the third device.

15. The software package according to claim 14, wherein the first communication thread utilizes a communication path different from that used to export the application broker export module from the first device to the second device.

16. The software package according to claim 11, wherein the applet broker operates in conjunction with web browser software running on the second device to interact with a web page hosted by the first device.

17. The software package according to claim 9, wherein the first plurality of objects includes a packet builder object to build one of requests and responses to be transmitted from the first instance of

the application broker to the first device.

18. The software package according to claim 9, wherein the first plurality of objects includes a packet parser object to parse one of requests and responses received from the first device.

19. The software package according to claim 9, wherein the first plurality of objects includes a communications object to establish a connection between the second device and the first device and to transmit one of requests and responses between the first and second devices.

20. The software package according to claim 19, wherein the communications object routes one of requests and responses to a corresponding one of the first plurality of objects within the application broker.